

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-222  
Relating to Certification of New Motor Vehicle Engines

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Ford Motor Company 1982 model-year gasoline engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
4.9L "Q"	300 (4.9)	Air Injection - Pump
5.8L(M)/6.6L "E"	400 (6.6)	Exhaust Gas Recirculation
6.1L "E"	370 (6.1)	
7.0L/7.5L "E"	429 (7.0)	

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u>
4.9L "Q"	-	10	5
5.8L(M)/6.6L "E"	-	16	4
6.1L "E"	0.9	17	5.2
7.0L/7.5L "E"	0.4	12	4.3

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the

FORD MOTOR COMPANY


EXECUTIVE ORDER A-10-222  
(Page 2 of 2)

Board's emission control system warranty regulations (Title 13,  
California Administrative Code, Section 2036).

Engines certified under this Executive Order must conform to all applicable  
California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and  
attachment.

Executed at El Monte, California this 13<sup>th</sup> day of April, 1981.

  
K. D. Drachand, Chief  
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company E.O. # A-10-222  
Engine Family 4.9L "Q" CID (liters) - Type 300 (4.9) - I6  
ECS(Special Features) AIP, EGR

Engine Model (Engine Code)	Ignition System	Fuel System	EGR Valve	Label Ident.
	CA, VA, VR, EI	1V		
	Part Number	Part Number	Part Number	
300-1V (9-77S-R10)	D9TE-12127- AEA	E2TE-9510- ZA	D8BE-9D475- FA or E1TE-9D475- DA	ABR

Date of Issue -

Revisions:

# 1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

## HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company E.O. #A-10-222

Engine Family 5.8L(M)/6.6L "E" CID (liters) - Type 400 (6.6) - V8

ECS(Special Features) AIP, EGR

Engine Model (Engine Code)	Ignition System	Fuel System	EGR Valve	Label Ident.
	CA, VA, EI	2V		
	Part Number	Part Number	Part Number	
400-2V (9-73J-R12) M/T -R14**	D9TE-12127- ATA	E1TE-9510- BZA E2TE-9510-BGA* or DBA**	D8DE-9D475- CA or E1TE-9D475- CA	ADF
400-2V (9-74J-R12) A/T -R14**		E1TE-9510- CAA E2TE-9510-BJA* or DEA**		ADG

Date of Issue - 4-13-81

Revisions: \*9-17-81 Revision(add alt carb)

\*\*10-23-81 RC# 5.8/6.6-31(rev choke & acc pump)

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company E.O. #A-10-222  
 Engine Family 6.1L"E" CID (liters) - Type 370 (6.1) - V8  
 ECS(Special Features) AIP, EGR

Engine Model (Engine Code)	Ignition System  CA, VA, EI  Part Number	Fuel System  Part Number	EGR Valve  Part Number	Label Ident.
370 - 2V (9-83G-R12)	D9TE - 12127- AUA	E2TE-9510- AGA or NA (2V)	D8BE-9D475- BA or E1TE-9D475- EA	ACZ
370 - 4V (9-83H-R14)		E2TE-9510- VA, AHA, CMA*; or CNA* (4V)	D8DE-9D475- CA or E1TE-9D475- CA	ABS

Date of Issue - 4-13-81

Revisions: \*10-9-81 RC# 6.1 HD-25(larger dome over sec bowl)

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINESManufacturer Ford Motor Company E.O. # A-10-222Engine Family 7.0L/7.5L "E" CID (liters) - Type 429 (7.0) - V8ECS(Special Features) AIP, EGR

Engine Model (Engine Code)	Ignition System	Fuel System	EGR Valve	Label Ident.
	CA, VA, EI	4V		
	Part Number	Part Number	Part Number	
429 - 4V (9-87G-R11)	D9TE-12127-AVA	E2TE-9510- AJA, AKA, CSA or CTA*	D8DE-9D475- CA or E1TE-9D475- CA	ADB

Date of Issue 4-13-81

Revisions: \*10-9-81 RC# 7.0/7.5 HD-26(larger dome over sec bowl)